

ABSTRACT OF THE DISCLOSURE

In a system for measuring substances in a liquid including a test strip and a measuring device for measuring the test field of the test strip when the test strip is inserted into the device, the test strip and the measuring device are so cooperatively constructed and/or shaped that the test strip, after insertion into the device, is held in a definite position at which the test field of the test strip is precisely positioned at a measuring station of the measuring device. The cooperating positioning parts on the test strip and on the measuring device include spring biased detent levers and clamping bars on the device with detent projections for reception in detent recesses of the test strip. Abutments carried by the device and engagable width step surfaces on the test card limit movement of the test strip in one or the other direction longitudinally of itself, and spring means urge the test strip step surfaces against the abutments. The spring means may be elastically deformable portions of the test strip. Means bend the test strip so that its restoring force holds it firmly against a support surface at the test station.

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